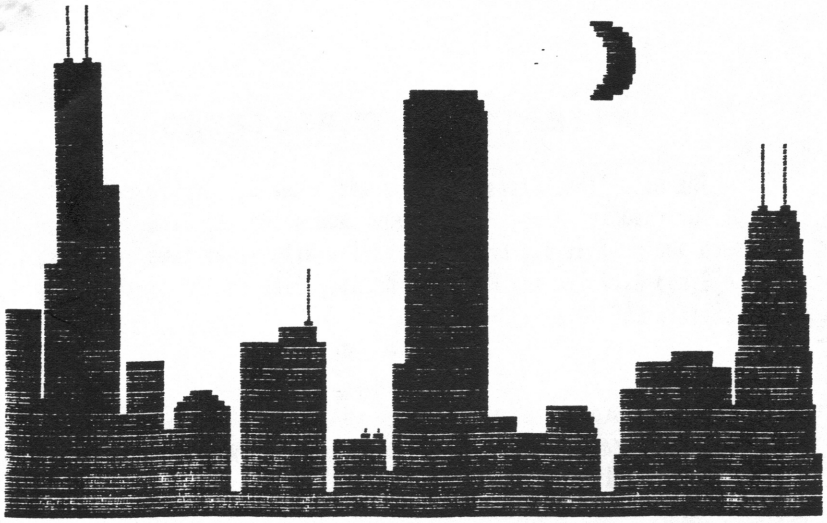

NITE-TIMES NEWS

CHICAGO AREA TIMEX USERS GROUP

VOLUME 2 ISSUE 5 JUNE 1988

NITE-TIMES INFO

The Nite-Times News is the newsletter of the Chicago Area Timex Users Group. It is available as a Public Domain feature of the North Shore Sinclair BBS (312)473-9415. If you are not a CATUG member and desire to have a hard-copy mailed to your home, please provide $6.00 per year to cover the cost of postage. For an annual fee of $10.00 you can become a CATUG member with full membership privledges. The Chicago Area Timex Users Group is pleased to exchange newsletters with other Timex and Sinclair supporting users groups. If you desire to reprint any articles that appear here, please provide credit to the author and this newsletter. If you have any suggestions or would like to submit an article, you may upload it onto the North Shore Sinclair BBS and leave a message about it with Sysop Gary or write to:

The Chicago Area Timex Users Group
Nite-Times News Editor
1885A Yorktown Avenue
Great Lakes, Illinois 60088.

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THE EDITOR'S SOAPBOX

Over the four years since Timex left us by the wayside, we Timexers have been a little confused over who or what make up our community. Initially we took up ranks with the British brethren and justifiably so. After all, isn't a Timex computer little more than a Sinclair clone? It seemed only natural to look across the Atantic for much of our software and hardware support. Of course, we did receive excellent support from ambitious entrepreneurs here in the states, but the British were the Sinclair mainstream.

After finally gaining the good grace of the FCC, the QL came to our shores. Bringing with it, the power of the 68000 family of microprocessors at an affordable price. We accepted the QL as the next generation of Sinclairs and our community started to grow again.

But now the story becomes a little sticky. Having gotten used to grasping onto the mother company (Sinclair), many of us were quick to accept Amstrad and their computers when Sir Clive bailed out (like Timex had years ago) and sold his company. Soon I found articles in newsletters and magazines that were blending the Amstrads with our beloved Sinclairs. There were Timex dealers selling their Amstrad wares as if they were compatible to us. Alas, I began to feel like more of an orphan than I ever had before.

Recently, a friend asked why our user group wasn't supporting the Z88. After all, it is a Sinclair. I gave it a long sober thought. Yes, it was designed by Sir Clive, but on the other hand, it is not a part of the community. Just like the Amstrads are not a part of the community. We are Timex/Sinclair enthusiasts, not Clive Sinclair martyrs! It's not a sin to say that I am happy with this wonderful computer that I bought years ago. Nor is it wrong to want to share my joy and experiences with my fellow Timexers.

(continued on page 2)

THE EDITOR'S SOAPBOX

continued from page 1

I confess that I am a hard-core Timex Sinclair junkie. I do own other computers. But my TS1000 and TS2068 are where my fun lies. When I purchase a Timex supporting newsletter or magazine, I expect to read something about one of these two computers. I do not buy it to read about the MSDOS compatibility of the latest Amstrads or how the Z88 is a super little laptop. I am not saying that these computers should not be covered in Timex-Sinclair periodicals, but please don't let these weeds kill off the garden!

Beginning in July, in an effort to provide the best support possible to our community, I will try to include at least one article or program for the TS1000, TS2068 and QL in each edition of the Nite-Times News. Hopefully, with an effort from all of us, we can keep our community alive. Now, let me step down from my soapbox...

JULY C.A.T.U.G. MEETING

The Chicago Area Timex Users Group meets on the third saturday of each month in the Downers Grove Public Library's Conference Room, from 12:00 to 5:00. The next meeting will be on the 16th of JuLY. The library is located at 1050 Curtiss Street in Downers Grove. The CATUG representative for this meeting is Steve Cooper and he can be contacted evenings at (312) 968-3553.

DIRECTIONS FROM THE NORTH: Take I-294 (Tri-State Tollway) south to I-88 (East West Tollway). Drive west on I-88 and exit at Highland Avenue. Take Highland south about three miles, during which it's name will change to Main Street. You will cross the Burlington-Northern tracks in downtown Downers Grove and turn right (west) at the next street (Burlington). Proceed one block to Forest Ave. At the intersection of Forest and Burlington is a public parking lot. The Library is located one block south of Burlington at the intersection of Curtiss and Forest. Please note that Burlington is a one-way street (westbound) and Curtiss is a one-way street (eastbound).

DIRECTIONS FROM THE SOUTH: Take I-55 (Stevenson Expway) to the Lemont Rd North exit. Take Lemont Road north about four miles during which it will merge into Main Street. As you go into downtown Downers Grove, you will pass Curtiss Street, and turn left at the next intersection (Burlington), which is the last street before you cross the railroad tracks. Proceed one block west to Forest Ave. At the intersection of Forest and Burlington is a public parking lot. The Library is located one block south of Burlington at the intersection of Curtiss and Forest. Please note that Burlington is a one-way street (westbound) and Curtiss is a one-way street (eastbound).

NITE-TIMES CLASSIFIEDS

The Nite-Times Classified Ads are a service provided to all of our readers. Please submit your ads prior to the 15th of each month. They may be mailed to the Nite-Times News or sent to Sysop Gary via the Feedback Message Base on the North Shore Sinclair BBS (312) 473-9415

* * * * *

FOR SALE

Fully operational rebuilt TS-2068 computers for $50.00 each. These machine come without cables, manual or powersupply. They include a thirty day warranty.
For more information, contact:
Eric Johnson
249 N. Harden Avenue
Orange City, Florida 32763
(904) 775-4935

* * * * *

FOR SALE

1 NEW TS2068 NEVER USED
1 TS2068 WITH SPECTRUM ROM, 2050 MODEM, THE JLO DISC SYSTEM, INCLUDING PRINTER I/F AND KEMPSON JOYSTICK I/F.. THIS ENTIRE SYSTEM IS MOUNTED IN A CLEAR PLEXIGLASS CASE AND IS FAN COOLED WITH A MODIFIED FULL SIZED KEYBOARD.
1 5 1/4 96 TPI DISC DRIVE WITH CASE AND POWER SUPPLY
1 DUAL AMDEK AMDISC 3 3in DISC DRIVE UNIT WITH DISCS
1 TS2040 THERMAL PRINTER
1 AVATEX 1200 MODEM WITH POWER SUPPLY
1 Z/SIO RS232 INTERFACE
1 GORILLA BANANA PRINTER [NEEDS RIBBON]
1 TS2068 TRACKBALL
ALL HARDWARE MANUALS ARE AVAILABLE.
TS BOOKS:
TS2068 EXPLORED - INTERMEDIATE ADVANCED GUIDE
TS2068 BASICS AND BEYOND - 21 GAMES ON THE 2068
TIME DESIGNS MAGAZINE 1986 THRU MARCH 1988
TS2068 SAFE UPDATE NEWSLETTER UP TO CURRENT ISSUE
SOFTWARE: MOST SOFTWARE ON CASSETTE ARE GAMES. INSTRUCTIONS ARE AVAILABLE FOR MOST SOFTWARE. MISC PROGRAMS ARE ON DISC .. TO MANY TITLES TO LIST.
I'LL SELL THE ENTIRE LISTING ABOVE AS A PACKAGE DEAL FOR $650.00 OR YOU CAN MAKE ME AN OFFER.
Donald Brumfield
106 Kirkfield Dr., Cary, NC 27511
919-859-4142

* * * * *

FOR SALE

QL_FLIGHT ($17), HOPPER ($10), HYPERDRIVE ($), CAVERNS 2 ($10), and BLAST BUGGY ($10). All five are available for 40.00 plus $2.00 for shipping if you are out of town.
Al Feng
15 Wake Robin Ct., Woodridge, IL
(continued on page 3)

NITE-TIMES CLASSIFIEDS

continued from page 2

* * * * *

FOR SALE

AFFORDABLE HI-RES PLOTTING for the TS-2068 and Commodore 1520 four-color printer/plotter! The plotter can be found at Toys-R-Us stores for $29.95. Iterface hardware (from bareboard to assembled & tested) as well as utility software for screen to plotter praphic transfer, banner making, and word processing are available from:

John McMichael
1710 Palmer Drive
Laramie, WY 82070

A large SASE gets you more info and a sample plot.

CHANGING TASWORD TWO SCREEN COLORS

By John Lambert
(reprinted from The Data Expansion)

As purchased, Tasword II uses a white border, white paper, and black ink. Even with an RGB monitor, this combination can be a stain on the eyes. Here are some POKEs that will change the paper and ink colors to those of your own liking. These changes only effect the 64 column mode and not the 32. These changes, written by John Lambert, originally appeared in th May 1985 issue of Sinclair User magazine.

TEXT area	Border	Margin	Bottom Status Lines
58512,54	64516,(0-9)	58508,54	64570,C
58513,C		58509,C	59993,C
58521,54			
58522,C			

The value of C is determine using this formula: (8*paper color) + ink color. For example: Red paper with Yellow ink is 2 (red) * 8 + 6 (yellow) = 22. The border color is POKEd using a direct color number (0-9).

USING ART STUDIO, A KEMPSTON MOUSE AND THE JLO DISK SYSTEM

By John Ulreich

One of the first Graphic Programs I had access to was Art Studio. This one program has given my family and I many hours of enjoyment. Since there is no speed adjustment for the joystick as in ARTWORX it was always a little hard for me to handle, but that is where the outstanding editing features are so useful.

I also have the Tech Draw and Z-Paint software which I use with a Koala Pad/ Zebra Graphics Tablet. This gives one an increased control of drawing, but although a fine setup I missed the advanced features of Art Studio. I had read in Time Designs that I could use a Radio Shack Mouse with the interface included with the Koala Pad. This thought intrigued me, but when Kempston came out with a mouse to use with Art Studio, I opted for that package.

I own a Rainbow + Interface which is a Spectrum emulator with a Spectrum rear edge connector. Together with the mouse interface it works wonderfully well, with a control of the cursor unmatched with either the joystick or Koala Pad. It was only when I purchased the JLO disk drive interface that I ran into problems. It seems both systems address the same locations and they would not work together. I have also found this to be true of the Footeprint CPI and the Gamesmate joystick interface with the JLO interface. I never encountered this problem using the Footeprint using the mouse and I was able to make screen dumps using either the Aerco or Tasman portions of the interface easily.

I was ready to sell the mouse at this point. When I was reading a Newsletter from Sinc Link, the Toronto Sinclair Users Group, I discovered a possible solution. In an article it explained that there were reports of certain Kempston joystick inerfaces that conflicted with disk drive operation. I had this problem also and had performed the modification suggested in Time Designs Magazine and it has worked well. In this article however it suggested something different. They modified the interface using a switch to cut in and out the 5 volt necessary to power the interface. This could be powered off during disk access and in after saving/loading.

I was apprehensive at first, but after talking to a few people about switching in and out 5 volts at the interface and got good responses, I decided to try. So far it has worked well and all I have to do is switch out the power to the interface to use the disk system.

I am now able to save screens using the NMI button and load the program successfully, the last problem to overcome is how to load screens into the program. This is somewhere in the machine code and I am at a loss as to what to do in that area. If anyone knows a cure let me know. Included is a picture (made with Art Studio) of the Interface and where I cut the 5 volt trace and added a sp/st so I could use and enjoy my pet mouse with my disk drives.

REMOVING LENSLOK PROTECTION FROM ART STUDIO

This is the first of two articles that deal with Art Studio. This month's article includes a BASIC loader program that will allow the user to get rid of the annoying LENSLOK protection. It should work with any version of the Art Studio machine code, whether configured for keyboard or joystick. It replaces the present BASIC program "studio" and works as follows:

Line 120 decrypts the LENSLOK machine code. This machine code is encrypted to make it hard to read. Fortunately, both a decrypter and an encrypter are included in the first part of the code. They are themselves not encrypted. This line of BASIC simply calls the decrypter. Once the code is decrypted, it is easier to make the POKEs from BASIC which follow. These could have been made in encrypted form, once the encrypt/decrypt scheme was understood, but I preferred to do it this way.

Line 130 makes the POKEs necessary to defeat LENSLOK. No pushing of ENTER is required at RUN time.

Line 140 removes the printing of the LENSLOK screens. If you would like to see them flash by on your monitor, just omit this line or insert a REM after the line number. This line could have been combined with line 130, of course, but it is written separately so that it can be omitted if desired.

Line 150 starts the decrypted and modified machine code for Art Studio.

```
 100 CLEAR 25999
 110 LOAD "studio_mc"CODE 26000
 120 RANDOMIZE USR 26028
 130 POKE 26784,0: POKE 26785,0: POKE 26842,0: POKE 26843,0:
     POKE 27270,0: POKE 27271,0: POKE 27300,30
 140 POKE 26383,201: POKE 26395,201: POKE 27280,0: POKE 27527,0
 150 RANDOMIZE USR 26049
1000 CLEAR 25999
1010 LOAD "studio_mc"CODE 26000
1025 INPUT "Do you wish to save the configur-ed program to tape
     (y or n) ? "; LINE a$
1027 IF a$<>"y" AND a$<>"n" THEN GO TO 1025
1029 IF a$="n" THEN GO TO 120
1030 CLS : PRINT "Place a blank cassette tape in"'"your
     cassette player."
1040 INPUT "Press ENTER to continue "; LINE a$
1050 SAVE "studio1" LINE 100
1060 SAVE "studio_mc"CODE 26000,30672
1080 PRINT '"Rewind the tape and press PLAY"'"for verification"
1090 VERIFY "": VERIFY ""CODE
1100 CLS : PRINT "Installation complete"
1110 PRINT '"To load your configured program,"
1120 PRINT "reset your Spectrum, then enter"'"LOAD 'studio1'.
1140 STOP
1150 GO TO 120
```

TIMEX TIDBITS

You will notice on our BBS list we have included the Astral Plane BBS. There is a sub board there which we are attempting to make the main watering hole for the CATUG. I will be moving all of the NSSBBS files over to there. The Sysop of the system is a long time TS1000 user, so he is very pleased to have the Timex community using his system. The phone number is (312) 476-7785. It uses the same software as the old Nite Owl Special BBS, so it should seem familar to many of us. I will have complete instructions for it in our July newsletter.

The CATUG has received a copy of Jack Dohany's latest FAIRWARE CATALOG. There some great software available from Jack including Mscript V5.3, Customized VU-Calc, Customized Masterfile, Super Driver, BASIC Disassembler, QRL, The BASIC Toolkit, and much more! He is also selling the original Mscript manuals for $15.00. Jack also supports all the current disk systems for the TS-2068. I will have the catalog at the June meeting.

According to the CATS Newsletter, the New Jersey/New York TS Fest has been cancelled. The apparent reason is that Zebra, who was one of the primary backers, had too many irons in the fire and couldn't find the time to select a good location.

SCLD chips (the hard to get "heart" of the TS2068 & TS1500) are available from Eric Johnson, 249 N. Harden Ave, Orange City, FL 32763, tel: 904/775-4935. Call him for more information.

Video tapes of the seminars from the 1987 Midwest Computerfest are still available from the SMUG, P.O.Box 101, Butler, WI 53007. The cost for all of the seminars on two video tapes is $40.00. This might be a good CATUG purchase for the library.

John McMichael has done it again. He has matted an Okimate 20 color printer to the TS2068 via his Commodore 1520 Plotter interface card. HE has developed special software that will enable both color and B&W screen dumps, , LPrinting, LListing and printouts from Customized Mscript versions 5.0 or 5.2 on the Okimate 20! For more details, write to John McMichael, 1710 Palmer Drive, Laramie, Wyoming 82070.

According to Joe Newman of the LIST group, A+ Computer Response is no longer selling individual QLs. Apparently, they are attempting to sell off the entire stock of 800 QLs.

CATUG LIBRARY NOTES

By Gary Lessenberry

The Chicago Area Timex Users Group Library has received the following listed articles from other user groups via our newsletter exchange. The newsletters with these articles will be available for check out at the monthly CATUG meetings.

1. WCUC User Amuser (May 1988)
   BiT/S n PC's

(continued on page 5)

CATUG LIBRARY NOTES

continued from page 4

2. QZX (May 1988)
   PC-Draw (Review)
   QL Archive Ham Log Program
   TS2068 Color Monitor Difficulties
   Computerfact 81 (Review)
3. SMUG Bytes (May 1988)
   QL Boot Program
   The QL On Net
   "SQ" Notes
4. CATS Newsletter (May 1988)
   Office Use Of the ZX81
   Focus on : TS1000 & TS2068 (Programs)
5. Boston Comp Society T/S Newsletter (May/June 1988)
   2068 Windows
   Psion Productivity Tips
   Text87 (Review)
   RAMDISK for the QL (Program)
   SuperBASIC For Beginners
6. TS Bulletin (May 1988)
   Facts About MOV Transient Supressors
   Assembly Language For The Z-80 (Review)
7. LISTing Newsletter (April 1988)
   Atomic Powered QL
   Add An ON/OFF Switch To Your QL

TIMEX/SINCLAIR BBS DIRECTORY

(JUNE 1988)

BULLETIN BOARD	NUMBER	NOTES	RATES
T.S.U.G	(201) 956-7703	8 L D @	15/14
YOUR AVERAGE REMOTE BBS	(213) 327-9424	8 L D @	17/15
GREY MATTER BBS	(213) 971-6260	8 M D @	17/15
STARTEXT	(214) 877-1041	8 M $	16/15
FWKUG MBBS	(214) 540-4183	8 D @	16/15
TIMELINES BBS	(216) 671-6922	8 H D %	15/14
CLEVELAND FREE-NET BBS	(216) 368-3888	7 L @	15/14
KINGS MARKET BBS	(303) 665-6091	8 M D @	16/15
NORTH SHORE SINCLAIR BBS	(312) 473-9415	8 L D % @	-----
ASTRAL PLANE BBS	(312) 476-7785	8 L D @	-----
PEOPLE-LINK	(800) 826-8855	8 L D $	-----
COMPUSERVE	(312) 443-1250	7 H D $	-----
SERIAL PORT BBS	(313) 286-0145	8 H D	15/13
ACCESS*LINE*BBS	(317) 841-7072	8 M D	14/12
P.D.S.E.	(415) 571-6911	8 M D @	16/14
R.M.G. BBS	(503) 656-8072	8 H @ %	17/15
JJ'S FIDO	(505) 522-7081	8 L D	17/15
TIMEWARP BBS (PW=GORT)	(515) 282-4169	8 M D	15/13
CITYLINK TOWER	(604) 222-2000	8 H	16/14
NICHOLSON NIGHTIME NETWORK	(604) 354-4666	8 H D	32/27
OWEGO FREE ACADEMY BBS	(607) 754-3420	8 L D	16/15
TCCS (PW=clive")	(607) 785-2118	8 L D	16/15
THE TIMEWARP BBS	(617) 481-0555	7 L D @	16/15
FLEXI BBS	(617) 648-7651	8 L @	16/15
FLASH! BBS	(702) 644-6910	8 M D	16/14
NIGHT BYTE BBS	(718) 627-1293	8 L D %	15/14
MICROLINK BBS	(718) 648-3502	8 L D	15/14
THE BUS DEPOT BBS	(904) 262-6761	8 L D	16/15

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TIMEX BBS DIRECTORY LEGEND

7	PARAMETERS = 7/E/1	8	PARAMETERS = 8/N/1
D	TIMEX FILE TRANSFERS	L	LOW USAGE T/S MSG BASE
M	MEDIUM USAGE T/S MSG BASE	H	HIGH USAGE T/S MSG BASE
$	SUBSCRIPTION REQUIRED	%	OPERATION DURING EVENINGS
@	ACCESSIBLE VIA PC PURSUIT	?	DOWN UNTIL FURTHER NOTICE

RATES ARE THE CHARGES FROM CHICAGO FOR THE FIRST MINUTE & EACH FOLLOWING MINUTE AFTER 11:00 PM AND ON WEEKENDS.

****

CHICAGO AREA TIMEX USERS GROUP

(June 1, 1988)

BLAYNE ARNESON:
9211 S. HARDING AVE, EVERGREEN, IL 60642 (312) 422-0030
PAUL BEATTY:
7634 N. GREENVIEW, CHICAGO, IL 60626 (312) 764-8378
JAMES BREZINA:
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STEVE COOPER:
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JOHN L. DONALDSON:
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P.O.BOX 351, FRANKFORT, IL 60423 (815) 469-3403
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1885A YORKTOWN AVE., GREAT LAKES, IL 60088 (312) 473-9415
LEOPOLD MAJEWSKI:
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LAWRENCE P. SAUTER:
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EDWIN SCHOEN:
P.O.BOX 9076, DOWNERS GROVE, IL 60515 (312) 852-9372
AL SHERMAN:
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LEE THORESEN:
45 HICKORY LANE, CRETE, IL 60417 (312) 672-9066
JONH ULREICH:
203 NAUVOO, PARK FORREST, IL 60466 (312) 748-6004
BUTCH WEINBERG:
5028 1/2 S. ELLIS, CHICAGO, IL 60615 UNLISTED

* * * * * * * * * * * * * * * * * *
* Out Of Town CATUG Members *
* * * * * * * * * * * * * * * * * *

RICK CONNERS:
2-29-3 NISHI OGI MINAMI, SUGINAMI-KU, TOKYO 167 JAPAN
ROBERT CURNUTT:
1710 PALMER DRIVE, LARAMIE, WYOMING 82070
RUTH FEGLEY:
5736 RIDGEDALE ROAD, BALTIMORE, MD 21209
JOAN KEALY:
3334 ZION, B-11, EL PASO, TX 79904
JOHN McMICHAEL:
1710 PALMER DRIVE, LARAMIE, WYOMING 82070
GLEN MORLAND:
522 DUNHAM ST., BURLINGTON, IA 52601
JOHN J. SHEPARD:
R2, BOX 408D, COLDWATER, MS 38618
JAY S. SIEGLE:
1616 55TH STREET, BASEMENT APT, BROOKLYN, NY 11204-1823

To become a member of the Chicago Area Timex User Group, send your name, address, phone number, and computer system description with ten dollars to the CATUG treasurer, Paul Beatty, 7634 N. Greenveiw, Chicago, IL 60626. In return, you will gain monthly mailouts of the Nite-Times News, access to the CATUG text and software libraries and participation in group purchases. If you are outside of the Chicago metropolitan, you need only submit six dollars for full membership. If you are a subscriber to the Nite-Times News and your name is not on this list, do not be alarmed, your subscription will remain in effect until twelve issue are completed. After that the newsletter will only be available via membership, BBS download, or user group exchange.

MORE SOFTWARE FOR THE 2068/1520

More Software

NEW

REMINDater

--- A personalized calendar plotter & date reminder. ---

- Prints a colorful calendar of any sequence of months (up to 12) for any year - past, present, or future.
- Special dates may be entered as data & will be highlighted at the appropriate places on the calendar.
- Each special date can have a short message associated with it and the message too will be printed.
- The date/message data can be easily edited & added to.
- Complete user notes included.

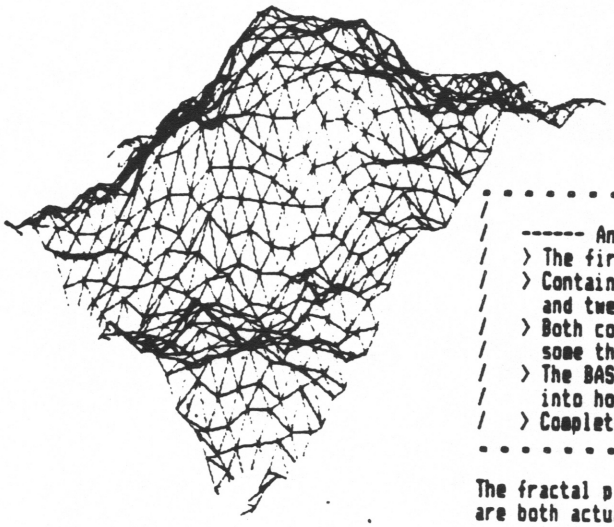
The calendar to the right is an actual size sample of what the utility program REMINDater can do. Please note how the special dates stand out and how the occasion associated with each special date is also printed. The sample is for one month only, but a whole year can be printed in one go. A calendar displaying no special dates can also be selected.

FEBRUARY

1988

SU	MO	TU	WE	TH	FR	SA
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

05 Cousin Chris's Birthday. (born '52)
18 Ron's/Brenda's Anniver. (married '83)
22 Ron's Birthday. (born '56)



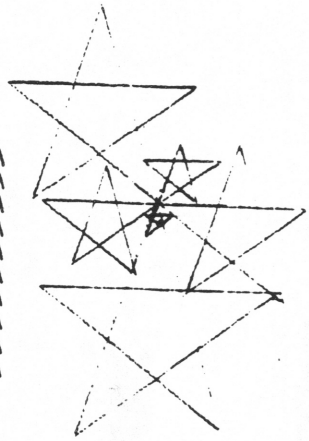
NEW

DEMO-PAK 1

------ An assortment of 15 plotter graphic demos. -----

- The first of several planned 1520 "DEMO-PAKS".
- Contains: FRACTAL PLOT, TURTLE PLOT, SIERPINSKI CURVE, and twelve examples from the 1520 User's Manual.
- Both colorful "sit back & watch" graphics as well as some that require user input.
- The BASIC prog. may be listed & studied for insights into how 1520 plot & print commands are used.
- Complete user notes included.

The fractal plot to the left and the star pattern to the right are both actual plots made with DEMO-PAK 1 and a 1520.



---------- ORDER YOURS NOW!! ----------

NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

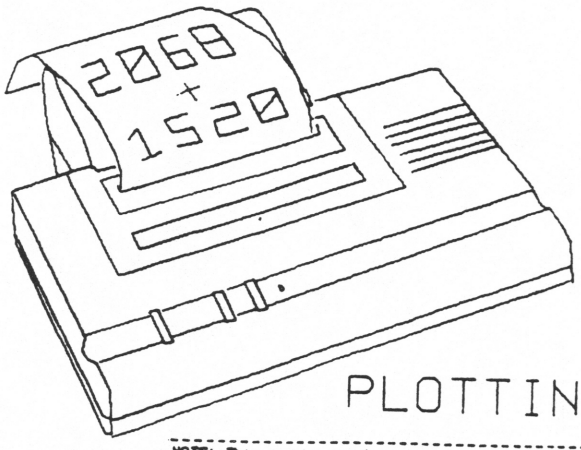
QUANTITY	DESCRIPTION	PRICE EACH	TOTAL
	Bare Board w/cassette	$14.95 ppd	
	Complete Kit w/cassette	$20.95 ppd	
	Assembled/tested w/cass.	$30.95 ppd	
	Keyed Edge Connector-If purchased with hardware	$4.95 ppd	
	SCREEN-TO-PLOTTER util.	$8.95 ppd	
	STP EDITOR utility	$8.95 ppd	
	PIC-PLOT utility	$8.95 ppd	
	BANNERIFIC utility	$8.95 ppd	
	CMS/1520 patch kit	$8.95 ppd	
	DEMO-PAK 1 graphics +	$8.95 ppd	
	REMINDater utility	$8.95 ppd	
	1520 PEN SET (4 COLORS)	$2.00 ppd	

(Pre-paid orders only please.) TOTAL ENCLOSED>>

SEND ALL ORDERS/INQUIRES TO:

John McMichael, 1710 Palmer Dr., Laramie, WY 82070

AFFORDABLE



PLOTTING

NOTE: This sample was done using SCREEN-TO-PLOTTER!

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